

This listing of claims will replace all prior versions, and listings, of claims in the application:

1 Claim 1 (currently amended): A voice dialing system for use with the Internet, the
2 system comprising:

3 a data storage device for storing voice dialing subscriber records, at
4 least one of said voice dialing subscriber records including a plurality of names, a
5 telephone number being associated with each of said names, and a corporate dialer
6 identifier which identifies a corporate dialer to be used in the event that a name
7 included in the subscriber's record is not detected in speech received in regard to a
8 voice dialing call;

9 a first computer system for coupling a voice dialing subscriber to the
10 Internet;

11 a second computer system coupled to the Internet, the second
12 computer system including means for updating a voice dialing subscriber record in
13 response to voice dialing information received from the subscriber via the Internet;

14 a telephone switch; and

15 means for generating a telephone number corresponding to speech
16 coupled to the telephone switch, the second computer system, and the data storage
17 device; and

18 means for presenting a subscriber corresponding to said at least one of
19 said voice dialing subscriber records with an opportunity to modify said corporate
20 dialer identifier.

1 Claim 2 (original): The voice dialing system of claim 1, wherein the
2 voice dialing information received from the subscriber via the Internet is text
3 information including the name of a party and a telephone number corresponding to
4 the named party.

1 Claim 3 (original): The voice dialing system of claim 2, further comprising:

2 means for generating a speaker independent speech recognition model
3 from the name of the party included in the received text information.

1 Claim 4 (original) The voice dialing system of claim 3, wherein the second
2 computer system, means for generating a telephone number, and means for
3 generating a speaker independent speech recognition are included in an intelligent
4 peripheral device.

1 Claim 5 (original): The voice dialing system of claim 4,
2 wherein intelligent peripheral device further includes said data storage
3 device, the system further comprising:
4 an integrated service control point for storing voice dialing subscriber
5 information, the integrated service control point including call processing records, the
6 call processing record of a voice dialing service subscriber indicating the peripheral
7 device where the subscriber's voice dialing record is stored.

1 Claim 6 (original): The voice dialing system of claim 5,
2 wherein the telephone switch includes means for contacting the
3 integrated service control point in response to a signal received from the subscriber
4 indicative of a desire to initiate a voice dialing operation.

1 Claim 7 (original): The voice dialing system of claim 6,
2 wherein the integrated service control point includes means for
3 instructing the telephone switch to establish an audio connection between the
4 subscriber and the intelligent peripheral device.

1 Claim 8 (original): The voice dialing system of claim 3, further comprising:
2 means for storing generated speaker independent speech recognition
3 models in the subscriber record with the text information from which the models are
4 generated.

1 Claim 9 (original): The voice dialing system of claim 3, wherein the subscriber
2 record includes a plurality of telephone numbers associated with a name of a party or
3 individual, a telephone number identifier being associated with each one of said
4 plurality of telephone numbers.

1 Claim 10 (original): The voice dialing system of claim 9, wherein at least one
2 telephone number identifier is the name of a location.

1 Claim 11 (original): The voice dialing system of claim 9, wherein the subscriber
2 record further includes:
3 a nick-name associated with said plurality of telephone numbers.

1 Claim 12 (original): The voice dialing system of claim 11, wherein the subscriber
2 record further includes:
3 a personal identification number used for verifying the identity of the
4 subscriber when the subscriber attempts to access the information in the subscriber
5 record via the Internet.

1 Claim 13 (previously presented): The voice dialing system of claim 12, wherein
2 the subscriber record further includes:
3 at least two different location identifiers associated with a name in said
4 subscriber record.

1 Claim 14 (original): The voice dialing system of claim 10, wherein the data storage
2 device, the second computer system, and said means for generating a telephone
3 number are included in an intelligent peripheral device coupled to the telephone
4 switch.

1 Claim 15 (original): The voice dialing system of claim 14, further comprising:

2 an integrated service control point coupled to the telephone switch, the
3 integrated service control point including a voice dialing service subscriber call
4 processing record, the call processing record including information identifying said
5 intelligent peripheral device which includes the subscriber's voice dialing record.

1 Claim 16 (currently amended): A method of implementing a voice dialer, comprising:
2 receiving first text corresponding to a first name via the Internet;
3 generating a first speaker independent speech recognition model from
4 said first text;
5 storing the first speaker independent speech recognition model in a
6 storage device as part of a voice dialing subscriber record, said voice dialing
7 subscriber record including a plurality of names, at least one telephone number
8 associated with each name, and a secondary voice dialer identifier which identifies a
9 secondary voice dialer to be used in the event that a name in the subscriber record is
10 not detected as part of a voice dialing operation in speech received from a user of said
11 subscriber record; and
12 associating, in the storage device, a first telephone number with the
13 first speaker independent speech recognition model; and
14 presenting the user with an opportunity to modify the secondary voice
15 dialer identifier.

1 Claim 17 (previously presented): The method of claim 16, wherein said secondary
2 voice dialer is a corporate dialer, the method further comprising:
3 entering the first text into a computer system; and
4 operating the computer system to transmit, via the Internet, the first
5 text to a speech recognition model training device used to generate the first speaker
6 independent speech recognition model.

1 Claim 18 (original): The method of claim 17, wherein the step of operating the
2 computer system to transmit the first text includes the step of:

3 transmitting the first text over the Internet to the speech recognition
4 model training device.

1 Claim 19 (original): The method of claim 18, wherein step of generating a first
2 speaker independent speech recognition model includes:
3 operating the speech recognition model training device to perform a
4 text to phoneme conversion operation on the first text.

1 Claim 20 (original): The method of claim 18, further comprising the step of:
2 generating a second speaker independent speech recognition model
3 from second text corresponding to a second name, the second name being a nick-
4 name of a party or individual identified by the first name;
5 storing the second speaker independent speech recognition model in
6 the storage device, the second speaker independent speech recognition model being
7 associated with the first telephone number.

1 Claim 21 (original): The method of claim 20, further comprising:
2 entering the second text into the computer system; and
3 operating the computer system to transmit the second text to the
4 speech recognition model training device via the Internet.

1 Claim 22 (original): The method of claim 21, further comprising the step of:
2 receiving a first text telephone number identifier to be associated with
3 the first telephone number; and
4 associating, in the storage device, the first text telephone number
5 identifier with the first telephone number.

1 Claim 23 (original): The method of claim 22, further comprising the step of:

2 receiving a second telephone number corresponding to the first name
3 and a second text telephone number identifier, the second text telephone number
4 identifier being associated with the second telephone number; and
5 storing the second text telephone number identifier and second
6 telephone number in the storage device in association with the first name.

1 Claim 24 (original): The method of claim 23, wherein the first and second text
2 telephone number identifiers are names of locations.

1 Claim 25 (original): The method of claim 23, wherein the speech recognition model
2 training device is included in an intelligent peripheral device coupled to a telephone
3 switch, the method further comprising:
4 entering the second telephone number and the second text telephone
5 number identifier into the computer system; and
6 operating the computer system to transmit the second telephone
7 number and the second text telephone number identifier to the intelligent peripheral
8 device via the Internet.

1 Claim 26 (original): The method of claim 25, wherein prior to entering the first
2 telephone number into the computer system, the method further comprises the steps
3 of;
4 accessing the intelligent peripheral device via the Internet to retrieve
5 voice dialing record information corresponding to a user of the computer system;
6 displaying the voice dialing record information on a display device
7 included in the computer system; and
8 modifying at least some of the displayed information.

1 Claim 27 (original): The method of claim 25, wherein the step of accessing the
2 intelligent peripheral device includes the steps of:

3 providing user identification information and a personal identification
4 number to the intelligent peripheral device via the Internet.

1 Claim 28 (original): The method of claim 27, wherein the personal identification
2 number is a telephone number associated with the user of the computer system.

1 Claim 29 (original): The method of claim 28, further comprising the step of:
2 supplying to the voice dialing system a mobile telephone number and
3 an additional telephone number which may be used by the voice dialing service
4 subscriber; and
5 storing the telephone number information in the storage device.

1 Claim 30 (original): The method of claim 29, further comprising the step of:
2 using the telephone switch to establish an audio connection between
3 the voice dialing service subscriber and the intelligent peripheral device;
4 operating the intelligent peripheral device to receive speech from the
5 voice dialing service subscriber;
6 operating the intelligent peripheral device to perform a speaker
7 independent using said first and second speech recognition models to identify a name
8 in the received speech.

1 Claim 31. (currently amended): A computer-readable digital data storage media,
2 comprising:
3 a first voice dialing record corresponding to a first voice dialing
4 service subscriber, the first voice dialing record including:
5 a first subscriber identifier associated with a voice dialing service
6 subscriber; and
7 a first calling entry, the first calling entry including first text
8 corresponding to a first name, a first speaker independent speech recognition model
9 for recognizing speech corresponding to said first name; a first telephone number

10 associated with said first name and a first telephone number identifier associated with
11 said first telephone number, and
12 a corporate dialer identifier which identifies a corporate dialer to be
13 used in the event that a name in the first voice dialing record is not detected as part of
14 a voice dialing operation in speech received from a user of said subscriber record.

1 Claim 32 (original): The digital data storage media of claim 31, wherein the first
2 calling entry further includes:

3 a second telephone number associated with said first name and a
4 second telephone number identifier associated with said second telephone number.

1 Claim 33 (original): The digital data storage media of claim 32, wherein the first
2 calling entry further includes:

3 a first nick-name associated with said first and second telephone
4 numbers; and

5 a second speaker independent speech recognition model for
6 recognizing speech corresponding to said first nick-name.

1 Claim 34 (original): The digital data storage media of claim 32, wherein the first
2 and second telephone number identifiers are names of locations and wherein the first
3 subscriber identifier is a telephone number associated with the first subscriber.

1 Claim 35 (original): The digital data storage media of claim 33, wherein the first
2 calling entry further includes:

3 a second calling entry, the second calling entry
4 including third text corresponding to a second name, a third speaker
5 independent speech recognition model for recognizing speech
6 corresponding to said second name; a third telephone number
7 associated with said second name and a third telephone number
8 identifier associated with said third telephone number.

1 Claim 36 (original): The digital data storage media of claim 35, further comprising:
2 a second voice dialing record corresponding to a second voice
3 dialing service subscriber, the second voice dialing record including:
4 a second subscriber identifier; and
5 a third calling entry, the third calling entry including
6 third text corresponding to a third name, a third speaker independent
7 speech recognition model for recognizing speech corresponding to said
8 third name; a third telephone number associated with said third name
9 and a third telephone number identifier associated with said third
10 telephone number.

1 Claim 37 (original): The digital data storage media of claim 35,
2 wherein the first voice dialing record further includes:
3 a first mobile telephone number associated with the first
4 subscriber; and
5 wherein the second voice dialing record further includes:
6 a second mobile telephone number associated with the second
7 subscriber.

1 Claim 38 (original): The digital data storage media of claim 31, wherein the first
2 voice dialing record further includes:
3 a mobile telephone number associated with the first subscriber.

1 Claim 39 (canceled):

1 Claim 40 (currently amended): ~~The method of claim 1, further comprising:~~
2 A voice dialing system for use with the Internet, the system comprising:
3 a data storage device for storing voice dialing subscriber records, at
4 least one of said voice dialing subscriber records including a plurality of names, a
5 telephone number being associated with each of said names, and a corporate dialer

6 identifier which identifies a corporate dialer to be used in the event that a name
7 included in the subscriber's record is not detected in speech received in regard to a
8 voice dialing call;

9 a first computer system for coupling a voice dialing subscriber to the
10 Internet;

11 a second computer system coupled to the Internet, the second
12 computer system including means for updating a voice dialing subscriber record in
13 response to voice dialing information received from the subscriber via the Internet;

14 a telephone switch;

15 means for generating a telephone number corresponding to speech
16 coupled to the telephone switch, the second computer system, and the data storage
17 device; and

18 presenting a subscriber corresponding to said at least one of said voice
19 dialing subscriber records with an opportunity to modify said stored corporate dialer
20 identifier over the Internet.

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1 Claim 41 (new): The voice dialing system of claim 1, wherein each of at least two of
2 said voice dialing subscriber records includes a corporate dialer identifier.

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1 Claim 42 (new): The voice dialing system of claim 41 wherein the at least two
2 included corporate dialer identifiers are different from each other.

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